

ABSTRACT OF THE DISCLOSURE

The invention relates to a device for determining in the frequency domain the correlation between a code modulated  
5 signal and a replica code sequence in parallel for various relative shifts between the code modulated signal and the replica code sequence. The device comprises a common memory arranged for storing in sequence different intermediate results in determining the correlation. The intermediate  
10 results including at least samples resulting at various stages of a time to frequency transform used for transforming samples of the code modulated signal into the frequency domain and samples resulting at various stages of a frequency to time transform used for transforming  
15 obtained correlation results into the time domain. The invention relates equally to a corresponding system, to a corresponding method and to a corresponding software program product.